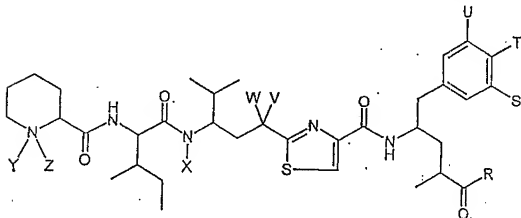


AMENDMENT

Please amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows.

In the Claims

1. (Previously presented) A compound of formula I (tubulysin):



Formula I

wherein R, R¹, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, S, T, U, V, W, X, Y and Z have the following meanings:

R = OR¹

R¹ = alkyl or aryl

S = H

U = H

T = H or OR⁴

R⁴ = H, alkyl, aryl, COR⁵, P(O)(OR⁶)₂ or SO₃R⁶

R⁵ = alkyl, alkenyl, or aryl

R⁶ = H, alkyl or a metal ion

V = OR⁷

R⁷ = COR⁸

R⁸ = alkyl, alkenyl or aryl

W = H

X = H, alkyl, alkenyl or CH₂OR⁹

R⁹ = H, alkyl, alkenyl, aryl or COR¹⁰

R^{10} = alkyl, alkenyl, or aryl

Y = free electron pair

R^{11} = alkyl, CF_3 or aryl and/or

Z = CH_3 or COR^{11} .

2. (Previously presented) The compound according to claim 1, wherein
 R^1 , R^4 , R^5 , R^8 , R^9 , R^{10} and/or R^{11} = unsubstituted or substituted phenyl,
 R^5 = C_{1-4} alkyl or C_{2-6} alkenyl
 R^5 and/or X = C_{2-4} alkenyl
 R^6 = an alkali metal ion or an alkaline earth metal ion
 R^8 and/or R^9 = C_{2-4} alkenyl and/or
 R^{10} = C_{2-6} alkenyl.

3-67. (Cancelled)

68. (Previously presented) The compound according to claim 1, wherein
alkyl is branched, unbranched or cyclic C_{1-20} alkyl.

69. (Previously presented) The compound according to claim 1, wherein
alkenyl is branched, unbranched or cyclic C_{2-20} alkenyl.

70. (Previously presented) The compound according to claim 1, wherein aryl is
phenyl, naphthyl and biphenyl.

71. (Cancelled)

72. (Previously presented) The compound according to claim 1, wherein alkyl,
alkenyl, and aryl are unsubstituted or substituted.

73. (Previously presented) The compound according to claim 2, wherein R , R^1 , R^4 ,
 R^5 , R^8 , R^9 , R^{10} and/or R^{11} = C_{1-4} alkyl-substituted phenyl.

74. (Previously presented) The compound according to claim 2, wherein R^6 = an Na ion
75. (Previously presented) The compound according to claim 2, wherein R^{10} = C_{2-4} alkenyl.
76. (Previously presented) The compound according to claim 68, wherein the alkyl is cyclic C_{1-7} alkyl or C_{1-8} alkyl.
77. (Previously presented) The compound according to claim 76, wherein the alkyl is cyclic C_{1-4} alkyl.
78. (Previously presented) The compound according to claim 77, wherein the alkyl is selected from the group consisting of methyl, ethyl, propyl, isopropyl, n-butyl, isobutyl, sec-butyl, tert-butyl, and cycloalkyl having from 3 to 8 carbon atoms in the ring.
79. (Previously presented) The compound according to claim 69, wherein the alkenyl is C_{2-7} alkenyl or C_{2-6} alkenyl.
80. (Previously presented) The compound according to claim 79, wherein the alkenyl is C_{2-4} alkenyl.
81. (Previously presented) The compound according to claim 80, wherein the alkenyl is selected from the group consisting of vinyl, allyl propen-1-yl, propen-2-yl, but-1-en-1-yl, but-1-en-2-yl, but-1-en-3-yl, but-1-en-4-yl, but-2-en-1-yl, but-2-en-2-yl, 2methyl-propen-1-yl, 2-methyl-propen-3-yl, and cycloalkenyl having from 3 to 8 carbon atoms in the ring and the number of double bonds in the alkenyl groups being from 1 to 3.

82. (Currently Amended) The compound according to claim 72, wherein the alkyl, alkenyl, and aryl ~~and heteroaryl~~ carry, in any position, from 1 to 3 substituents from the group formed by C₁₋₃alkyl, C₁₋₃alkoxy, hydroxy, amino (NH₂) and nitro (NO₂)